



Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

Service Bulletin

Service Bulletin No. / Date: TM TAE 000-0007, Revision 44 / September 4, 2020

Subject: Variants and Software Versions

Type affected: TAE 125-01, TAE 125-02-99, TAE 125-02-114, TAE 125-02-114P, CENTURION 4.0 BE

Models affected: all

Compliance: Category 5 – for information only

Accomplishment: none

Reason: Publication of the different Variants and the current Software Versions

Correction:

Engine Variants

TAE 125-01				
Installation Variant Part Number	Engine Variant	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Cessna 172 – 14V 125-01-(006)-(R5) P/N: 02-7200-14006R5	TAE 125-01	99 kW	99 kW	71 kW
Cessna 172 – 28V 125-01-(008)-(R5) P/N: 02-7200-14008R5				
Piper PA28 – 14V 125-01-(009)-(R5) P/N: 02-7200-14009R5				
Piper PA28 – 28V 125-01-(010)-(R5) P/N: 02-7200-14010R5				
APEX DR400 125-01-(011)-(R5) P/N: 02-7200-14011R5				
Diamond DA40 125-01-(005)-(R5) P/N: 02-7200-14005R5				
Diamond DA42 125-01-(017)-(R1) P/N: 02-7200-14017R1				

Table 1



Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
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TAE 125-02-99				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Cessna 172 – 14V TAE 125-02-99-(0007)-(01) P/N: 05-7200-K000701 consists of Engine P/N 05-7200-M000701, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
Cessna 172 – 14V TAE 125-02-99-(0007)-(02) P/N: 05-7200-K000702 consists of Engine P/N 05-7200-M000702, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
Cessna 172 – 28V TAE 125-02-99-(0002)-(01) P/N: 05-7200-K000201 consists of Engine P/N 05-7200-M000201, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
Cessna 172 – 28V TAE 125-02-99-(0002)-(02) P/N: 05-7200-K000202 consists of Engine P/N 05-7200-M000202, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

Table 2



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Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

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TAE 125-02-99 (continuation)				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Piper PA28 – 14V TAE 125-02-99-(0009)-(01) P/N: 05-7200-K000901 consists of Engine P/N 05-7200-M000901, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
Piper PA28 – 14V TAE 125-02-99-(0009)-(02) P/N: 05-7200-K000902 consists of Engine P/N 05-7200-M000902, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
Piper PA28 – 28V TAE 125-02-99-(0011)-(01) P/N: 05-7200-K001101 consists of Engine P/N 05-7200-M001101, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
Piper PA28 – 28V TAE 125-02-99-(0011)-(02) P/N: 05-7200-K001102 consists of Engine P/N 05-7200-M001102, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

Table 3



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Platanenstrasse 14
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TAE 125-02-99 (continuation)				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
APEX DR400 TAE 125-02-99-(0013)-(01) P/N: 05-7200-K001301 consists of Engine P/N 05-7200-M001301, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
APEX DR400 TAE 125-02-99-(0013)-(02) P/N: 05-7200-K001302 consists of Engine P/N 05-7200-M001302, FADEC P/N 05-7611-K000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
Diamond DA40 TAE 125-02-99-(0001)-(01) P/N: 05-7200-K000101 consists of Engine P/N 05-7200-M000101, FADEC P/N 05-7610-E000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				
Diamond DA40 TAE 125-02-99-(0001)-(02) P/N: 05-7200-K000102 consists of Engine P/N 05-7200-M000102, FADEC P/N 05-7610-E000102 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

Table 4



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Technologies GmbH
Platanenstrasse 14
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TAE 125-02-99 (continuation)				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Diamond DA42 TAE 125-02-99-(0003)-(01) P/N: 05-7200-K000301 consists of Engine P/N 05-7200-M000301, FADEC P/N 05-7610-E000201 and approved Firmware and Mapping in accordance with Table 11-17 of this SB	TAE 125-02-99	99 kW	99 kW	71 kW
Diamond DA42 TAE 125-02-99-(0003)-(02) P/N: 05-7200-K000302 consists of Engine P/N 05-7200-M000302, FADEC P/N 05-7610-E000201 and approved Firmware and Mapping in accordance with Table 11-17 of this SB				

Table 5



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Platanenstrasse 14
09356 Sankt Egidien, Germany

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TAE 125-02-114				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Cessna 172 – 14V TAE 125-02-114-(0008)-(01) P/N: 05-7200-K000801	TAE 125-02-114	114 kW	114 kW	97 kW
Cessna 172 – 14V TAE 125-02-114-(0008)-(02) P/N: 05-7200-K000802				
Cessna 172 – 28V TAE 125-02-114-(0005)-(01) P/N: 05-7200-K000501				
Cessna 172 – 28V TAE 125-02-114-(0005)-(02) P/N: 05-7200-K000502				
Cessna 172 – 28V G1000 TAE 125-02-114-(0017)-(01) P/N: 05-7200-K001701				
Cessna 172 – 28V G1000 TAE 125-02-114-(0017)-(02) P/N: 05-7200-K001702				
Cessna 172 – 28V G1000 TAE 125-02-114-(0025)-(02) P/N: 05-7200-K002502				
Cessna 172 – 28V G1000 TAE 125-02-114-(0026)-(01) P/N: 05-7200-K002601				
Piper PA28 – 14V TAE 125-02-114-(0010)-(01) P/N: 05-7200-K001001				
Piper PA28 – 14V TAE 125-02-114-(0010)-(02) P/N: 05-7200-K001002				
Piper PA28 – 28V TAE 125-02-114-(0012)-(01) P/N: 05-7200-K001201				
Piper PA28 – 28V TAE 125-02-114-(0012)-(02) P/N: 05-7200-K001202				
Piper PA28 – 28V TAE 125-02-114-(0020)-(01) P/N: 05-7200-K002001				

Table 6

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TAE 125-02-114				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Piper PA28 – 28V TAE 125-02-114-(0020)-(02) P/N: 05-7200-K002002	TAE 125-02-114	114 kW	114 kW	97 kW
Piper PA28 – 28V TAE 125-02-114-(0027)-(02) P/N: 05-7200-K002702				
APEX DR400 TAE 125-02-114-(0014)-(01) P/N: 05-7200-K001401				
APEX DR400 TAE 125-02-114-(0014)-(02) P/N: 05-7200-K001402				
Diamond DA40 – C2.0S TAE 125-02-114-(0018)-(01) P/N: 05-7200-K001801				
Diamond DA40 – C2.0S TAE 125-02-114-(0018)-(02) P/N: 05-7200-K001802				
Diamond DA42 TAE 125-02-114-(0006)-(01) P/N: 05-7200-K000601				
Diamond DA42 TAE 125-02-114-(0006)-(02) P/N: 05-7200-K000602				

Table 7

TAE 125-02-114P				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
TAE 125-02-114P-()-()	TAE 125-02-114P	114 kW	114 kW	71 kW

Table 8



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Platanenstrasse 14
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CENTURION 4.0 BE				
Installation Variant Part Number	Engine Variant – Power Rating	Power Rating		
		Take-Off	Max. Cont. Power	Best Economy
Centurion 4.0 BE-210-()-()	CENTURION 4.0 BE-210	210 kW	210 kW	154 kW
Centurion 4.0 BE-221-()-()	CENTURION 4.0 BE-221	221 kW	221 kW	154 kW
Centurion 4.0 BE-228-()-()	CENTURION 4.0 BE-228	228 kW	228 kW	154 kW
Centurion 4.0 BE-239-()-()	CENTURION 4.0 BE-239	239 kW (max. 5 min)	228 kW	154 kW
Centurion 4.0 BE-250-()-()	CENTURION 4.0 BE-250	250 kW (max. 5 min)	228 kW	154 kW
Centurion 4.0 BE-257-()-()	CENTURION 4.0 BE-257	257 kW (max. 5 min)	243 kW	154 kW

Table 9

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Software Versions

TAE 125-01				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m2.91 (Compression: 18:1) P/N 02-7610-55101R10	Cessna 172	14V	T14V291CES	20-7610-55104R8
	Cessna 172	14V	T14V292CES	20-7610-55104R9
	Cessna 172	28V	T28V291CES	20-7610-55105R6
	Cessna 172	28V	T28V292CES	20-7610-55105R7
	Piper PA28	14V	T14V291PIP	40-7610-55106R8
	Piper PA28	14V	T14V292PIP	40-7610-55106R9
	Piper PA28	28V	T28V291PIP	40-7610-55107R6
	Piper PA28	28V	T28V292PIP	40-7610-55107R7
	Apex DR400	14 V	T14V291APEX	60-7610-55106R8
	Apex DR400	14 V	T14V292APEX	60-7610-55106R9
	Diamond DA40	14 V	T14V291DIA	50-7610-55105R8
	Diamond DA40	14 V	T14V292DIA	50-7610-55105R9
	Diamond DA42	28 V	R28V291DIA	50-7610-55107R4
	Diamond DA42	28 V	R28V292DIA	50-7610-55107R5

Table 10

TAE 125-02-99				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m2.91 P/N 02-7610-55101R10	Cessna 172	14V	O14V294CES	20-7610-E000108
	Cessna 172	28V	O28V294CES	20-7610-E001108
	Piper PA28	14V	O14V294PIP	40-7610-E000108
	Piper PA28	28V	O28V294PIP	40-7610-E001108
	Apex DR400	14 V	O14V294APEX	60-7610-E000108
	Diamond DA40	14 V	O14V294DA40	50-7610-E000108
	Diamond DA42	28 V	O28V294DA42	52-7610-E000503

Table 11



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Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.00 P/N 02-7610-55101R11	Cessna 172	14V	O14V300CES	20-7610-E000109
	Cessna 172	14V	O14V301CES	20-7610-E000110
	Cessna 172	14V	O14V302CES	20-7610-E000111
	Cessna 172	28V	O28V300CES	20-7610-E001109
	Cessna 172	28V	O28V301CES	20-7610-E001110
	Cessna 172	28V	O28V302CES	20-7610-E001111
	Piper PA28	14V	O14V300PIP	40-7610-E000109
	Piper PA28	14V	O14V301PIP	40-7610-E000110
	Piper PA28	14V	O14V302PIP	40-7610-E000111
	Piper PA28	28V	O28V300PIP	40-7610-E001109
	Piper PA28	28V	O28V301PIP	40-7610-E001110
	Piper PA28	28V	O28V302PIP	40-7610-E001111
	Apex DR400	14 V	O14V300APEX	60-7610-E000109
	Apex DR400	14 V	O14V301APEX	60-7610-E000110
	Apex DR400	14 V	O14V302APEX	60-7610-E000111
	Diamond DA40	14 V	O14V300DA40	50-7610-E000109
	Diamond DA40	14 V	O14V301DA40	50-7610-E000110
	Diamond DA40	14 V	O14V302DA40	50-7610-E000111
	Diamond DA42	28 V	O28V300DA42	52-7610-E000504
	Diamond DA42	28 V	O28V301DA42	52-7610-E000505
Diamond DA42	28 V	O28V302DA42	52-7610-E000506	

Table 12



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Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.10 P/N 02-7610-55101R12	Cessna 172	14V	O14C311CES	20-7610-E000113
	Cessna 172	14V	O14C312CES	20-7610-E000115
	Cessna 172	14V	O14C313CES	20-7610-E000116
	Cessna 172	14V	O14D311CES	20-7610-E000114
	Cessna 172	28V	O28C311CES	20-7610-E001113
	Cessna 172	28V	O28C312CES	20-7610-E001115
	Cessna 172	28V	O28C313CES	20-7610-E001116
	Cessna 172	28V	O28D311CES	20-7610-E001114
	Piper PA28	14V	O14C311PIP	40-7610-E000113
	Piper PA28	14V	O14C312PIP	40-7610-E000115
	Piper PA28	14V	O14C313PIP	40-7610-E000116
	Piper PA28	14V	O14D311PIP	40-7610-E000114
	Piper PA28	28V	O28C311PIP	40-7610-E001113
	Piper PA28	28V	O28C312PIP	40-7610-E001115
	Piper PA28	28V	O28C313PIP	40-7610-E001116
	Piper PA28	28V	O28D311PIP	40-7610-E001114
	Apex DR400	14 V	O14C311APEX	60-7610-E000113
	Apex DR400	14 V	O14C312APEX	60-7610-E000115
	Apex DR400	14 V	O14C313APEX	60-7610-E000116
	Apex DR400	14 V	O14D311APEX	60-7610-E000114
	Diamond DA40	14 V	O14C311DA40	50-7610-E000113
	Diamond DA40	14 V	O14C313DA40	50-7610-E000115
	Diamond DA40	14 V	O14D311DA40	50-7610-E000114
	Diamond DA42	28 V	O28C311DA42	52-7610-E000508
Diamond DA42	28 V	O28D311DA42	52-7610-E000509	

Table 13



Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.20 P/N 02-7610-55101R13	Cessna 172	14V	O14D320CES	20-7610-E010101
	Cessna 172	28V	O28D320CES	20-7610-E011101
	Piper PA28	14V	O14D320PIP	40-7610-E010101
	Piper PA28	28V	O28D320PIP	40-7610-E011101
	Apex DR400	14 V	O14D320APEX	60-7610-E010101
	Diamond DA40	14 V	O14D320DA40	50-7610-E010101
	Diamond DA42	28 V	O28D320DA42	52-7610-E010501
TAE-125 m3.30 P/N 02-7610-55101R14	Cessna 172	14V	O14D330CES	20-7610-E020101
	Cessna 172	14V	O14D331CES	20-7610-E020102
	Cessna 172	28V	O28D330CES	20-7610-E021101
	Cessna 172	28V	O28D331CES	20-7610-E021102
	Piper PA28	14V	O14D330PIP	40-7610-E020101
	Piper PA28	14V	O14D331PIP	40-7610-E020102
	Piper PA28	28V	O28D330PIP	40-7610-E021101
	Piper PA28	28V	O28D331PIP	40-7610-E021102
	Apex DR400	14 V	O14D330APEX	60-7610-E020101
	Apex DR400	14 V	O14D331APEX	60-7610-E020102
	Diamond DA40	14 V	O14D330DA40	50-7610-E020101
	Diamond DA40	14 V	O14D331DA40	50-7610-E020102
	Diamond DA42	28 V	O28D330DA42	52-7610-E020501

Table 14



Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.30 P/N 05-7610-E001002	Cessna 172	14 V	F14C130CES	20-7610-E002201
	Cessna 172	14 V	F14C131CES	20-7610-E002202
	Cessna 172	14 V	F14C132CES	20-7610-E002203
	Cessna 172	14 V	F14D130CES	20-7610-E002101
	Cessna 172	28 V	F28C130CES	20-7610-E003201
	Cessna 172	28 V	F28C131CES	20-7610-E003202
	Cessna 172	28 V	F28C132CES	20-7610-E003203
	Cessna 172	28 V	F28D130CES	20-7610-E003101
	Piper PA28	14 V	F14C130PIP	40-7610-E002201
	Piper PA28	14 V	F14C131PIP	40-7610-E002202
	Piper PA28	14 V	F14C132PIP	40-7610-E002203
	Piper PA28	14 V	F14D130PIP	40-7610-E002101
	Piper PA28	28 V	F28C130PIP	40-7610-E003201
	Piper PA28	28 V	F28C131PIP	40-7610-E003202
	Piper PA28	28 V	F28C132PIP	40-7610-E003203
	Piper PA28	28 V	F28D130PIP	40-7610-E003101
	Apex DR400	14 V	F14C130APEX	60-7610-E002201
	Apex DR400	14 V	F14C132APEX	60-7610-E002202
	Apex DR400	14 V	F14D130APEX	60-7610-E002101
	Diamond DA40	14 V	F14C130DA40	50-7610-E002201
	Diamond DA40	14 V	F14C132DA40	50-7610-E002202
	Diamond DA40	14 V	F14D130DA40	50-7610-E002101
	Diamond DA42	28 V	F28C130DA42	52-7610-E002201
	Diamond DA42	28 V	F28C132DA42	52-7610-E002202
	Diamond DA42	28 V	F28D130DA42	52-7610-E002101

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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.40 P/N 05-7610-E001003	Cessna 172	14 V	F14D140CES	20-7610-E012101
	Cessna 172	14 V	F14D141CES	20-7610-E012102
	Cessna 172	14 V	F14D142CES	20-7610-E012103
	Cessna 172	28 V	F28D140CES	20-7610-E013101
	Cessna 172	28 V	F28D141CES	20-7610-E013102
	Cessna 172	28 V	F28D142CES	20-7610-E013103
	Piper PA28	14 V	F14D140PIP	40-7610-E012101
	Piper PA28	14 V	F14D142PIP	40-7610-E012102
	Piper PA28	28 V	F28D140PIP	40-7610-E013101
	Piper PA28	28 V	F28D142PIP	40-7610-E013102
	Apex DR400	14 V	F14D140APEX	60-7610-E012101
	Apex DR400	14 V	F14D142APEX	60-7610-E012102
	Diamond DA40	14 V	F14D140DA40	50-7610-E012101
	Diamond DA40	14 V	F14D142DA40	50-7610-E012102
	Diamond DA42	28 V	F28D140DA42	52-7610-E012101
	Diamond DA42	28 V	F28D142DA42	52-7610-E012102

Table 16



Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
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TAE 125-02-99 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.70 P/N 05-7610-E001005	Cessna 172	14 V	F14C170CES	20-7610-E002204
	Cessna 172	14 V	F14D170CES	20-7610-E012104
	Cessna 172	28 V	F28C170CES	20-7610-E003204
	Cessna 172	28 V	F28D170CES	20-7610-E013104
	Cessna 172 Only for Engine S/N 02-02-04596 S/N 02-02-04457	28 V	F28D171CES	20-7610-E013105
	Piper PA28	14 V	F14C170PIP	40-7610-E002204
	Piper PA28	14 V	F14D170PIP	40-7610-E012103
	Piper PA28	28 V	F28C170PIP	40-7610-E003203
	Piper PA28	28 V	F28D170PIP	40-7610-E013103
	Apex DR400	14 V	F14C170APEX	60-7610-E002203
	Apex DR400	14 V	F14D170APEX	60-7610-E012103
	D4-v1.80 P/N 05-7610-E001006	Cessna 172	14 V	F14C180CES
Cessna 172		14 V	F14D180CES	20-7610-E012105
Cessna 172		28 V	F28C180CES	20-7610-E003205
Cessna 172		28 V	F28D180CES	20-7610-E013106
Piper PA28		14 V	F14C180PIP	40-7610-E002205
Piper PA28		14 V	F14D180PIP	40-7610-E012104
Piper PA28		28 V	F28C180PIP	40-7610-E003205
Piper PA28		28 V	F28D180PIP	40-7610-E013104
Diamond DA42		28 V	F28C180DA42	52-7610-E002204
Diamond DA42		28 V	F28D180DA42	52-7610-E012105

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Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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TAE 125-02-114				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.00 P/N 02-7610-55101R11	Cessna 172	14 V	P14V300CES	20-7610-E002005
	Cessna 172	14 V	P14V301CES	20-7610-E002006
	Cessna 172	14 V	P14V302CES	20-7610-E002007
	Cessna 172	28 V	P28V300CES	20-7610-E003005
	Cessna 172	28 V	P28V301CES	20-7610-E003006
	Cessna 172	28 V	P28V302CES	20-7610-E003007
	Piper PA28	14 V	P14V301PIP	40-7610-E002006
	Piper PA28	28 V	P28V301PIP	40-7610-E003006
	Piper PA28	28 V	P28V302PIP	40-7610-E003007
	Apex DR400	14 V	P14V300APEX	60-7610-E002005
	Apex DR400	14 V	P14V301APEX	60-7610-E002006
	Apex DR400	14 V	P14V302APEX	60-7610-E002007
	Diamond DA40	14 V	P14V300DA40	50-7610-E002005
	Diamond DA40	14 V	P14V301DA40	50-7610-E002006
	Diamond DA40	14 V	P14V302DA40	50-7610-E002007

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Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.10 P/N 02-7610-55101R12	Cessna 172	14 V	P14C311CES	20-7610-E002009
	Cessna 172	14 V	P14C312CES	20-7610-E002011
	Cessna 172	14 V	P14C313CES	20-7610-E002012
	Cessna 172	14 V	P14D311CES	20-7610-E002010
	Cessna 172	28 V	P28C311CES	20-7610-E003009
	Cessna 172	28 V	P28C312CES	20-7610-E003011
	Cessna 172	28 V	P28C313CES	20-7610-E003012
	Cessna 172	28 V	P28D311CES	20-7610-E003010
	Piper PA28	14 V	P14C311PIP	40-7610-E002009
	Piper PA28	14 V	P14C312PIP	40-7610-E002011
	Piper PA28	14 V	P14C313PIP	40-7610-E002012
	Piper PA28	14 V	P14D311PIP	40-7610-E002010
	Piper PA28	28 V	P28C311PIP	40-7610-E003009
	Piper PA28	28 V	P28C312PIP	40-7610-E003011
	Piper PA28	28 V	P28C313PIP	40-7610-E003012
	Piper PA28	28 V	P28D311PIP	40-7610-E003010
	Apex DR400	14 V	P14C311APEX	60-7610-E002009
	Apex DR400	14 V	P14C313APEX	60-7610-E002012
	Apex DR400	14 V	P14D311APEX	60-7610-E002010
	Diamond DA40	14 V	P14C311DA40	50-7610-E002009
Diamond DA40	14 V	P14C312DA40	50-7610-E002011	
Diamond DA40	14 V	P14C313DA40	50-7610-E002012	
Diamond DA40	14 V	P14D311DA40	50-7610-E002010	

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Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
TAE-125 m3.20 P/N 02-7610-55101R13	Cessna 172	14V	P14D320CES	20-7610-E012001
	Cessna 172	28V	P28D320CES	20-7610-E013001
	Piper PA28	14V	P14D320PIP	40-7610-E012001
	Piper PA28	28V	P28D320PIP	40-7610-E013001
	Apex DR400	14 V	P14D320APEX	60-7610-E012001
	Diamond DA40	14 V	P14D320DA40	50-7610-E012001
TAE-125 m3.30 P/N 02-7610-55101R14	Cessna 172	14V	P14D330CES	20-7610-E022001
	Cessna 172	14V	P14D331CES	20-7610-E022002
	Cessna 172	28V	P28D330CES	20-7610-E023001
	Cessna 172	28V	P28D331CES	20-7610-E023002
	Piper PA28	14V	P14D330PIP	40-7610-E022001
	Piper PA28	14V	P14D331PIP	40-7610-E022002
	Piper PA28	28V	P28D330PIP	40-7610-E023001
	Piper PA28	28V	P28D331PIP	40-7610-E023002
	Apex DR400	14 V	P14D330APEX	60-7610-E022001
	Apex DR400	14 V	P14D331APEX	60-7610-E022002
	Diamond DA40	14 V	P14D330DA40	50-7610-E022001
	Diamond DA40	14 V	P14D331DA40	50-7610-E022002

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Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.30 P/N 05-7610-E001002	Cessna 172	14 V	G14C130CES	20-7610-E002401
	Cessna 172	14 V	G14C131CES	20-7610-E002402
	Cessna 172	14 V	G14C132CES	20-7610-E002403
	Cessna 172	14 V	G14D130CES	20-7610-E002301
	Cessna 172	28 V	G28C130CES	20-7610-E003401
	Cessna 172	28 V	G28C131CES	20-7610-E003402
	Cessna 172	28 V	G28C132CES	20-7610-E003403
	Cessna 172	28 V	G28D130CES	20-7610-E003301
	Piper PA28	14 V	G14C130PIP	40-7610-E002401
	Piper PA28	14 V	G14C131PIP	40-7610-E002402
	Piper PA28	14 V	G14C132PIP	40-7610-E002403
	Piper PA28	14 V	G14D130PIP	40-7610-E002301
	Piper PA28	28 V	G28C130PIP	40-7610-E003401
	Piper PA28	28 V	G28C131PIP	40-7610-E003402
	Piper PA28	28 V	G28C132PIP	40-7610-E003403
	Piper PA28	28 V	G28D130PIP	40-7610-E003301
	Apex DR400	14 V	G14C130APEX	60-7610-E002401
	Apex DR400	14 V	G14C132APEX	60-7610-E002402
	Apex DR400	14 V	G14D130APEX	60-7610-E002301
	Diamond DA40	14 V	G14C130DA40	50-7610-E002401
	Diamond DA40	14 V	G14C131DA40	50-7610-E002402
	Diamond DA40	14 V	G14C132DA40	50-7610-E002403
	Diamond DA40	14 V	G14D130DA40	50-7610-E002301
Diamond DA42	28 V	G28D130DA42	52-7610-E002601	

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.40 P/N 05-7610-E001003	Cessna 172	14 V	G14D140CES	20-7610-E012301
	Cessna 172	14 V	G14D142CES	20-7610-E012302
	Cessna 172	28 V	G28D140CES	20-7610-E013301
	Cessna 172	28 V	G28D142CES	20-7610-E013302
	Piper PA28	14 V	G14D140PIP	40-7610-E012301
	Piper PA28	14 V	G14D142PIP	40-7610-E012302
	Piper PA28	28 V	G28D140PIP	40-7610-E013301
	Piper PA28	28 V	G28D142PIP	40-7610-E013302
	Piper PA28 AIII	28 V	G28D140QA3	40-7610-E113301
	Piper PA28 AIII	28 V	G28D142QA3	40-7610-E113302
	Apex DR400	14 V	G14D140APEX	60-7610-E012301
	Apex DR400	14 V	G14D142APEX	60-7610-E012302
	Diamond DA40	14 V	G14D140DA40	50-7610-E012301
	Diamond DA40	14 V	G14D142DA40	50-7610-E012302
	Diamond DA42	28 V	G28D140DA42	52-7610-E012601
	Diamond DA42	28 V	G28D142DA42	52-7610-E012602
D4-v1.70 P/N 05-7610-E001005	Cessna 172	14 V	G14C170CES	20-7610-E002404
	Cessna 172	14 V	G14D170CES	20-7610-E012303
	Cessna 172	28 V	G28C170CES	20-7610-E003404
	Cessna 172	28 V	G28D170CES	20-7610-E013303
	Piper PA28	14 V	G14C170PIP	40-7610-E002404
	Piper PA28	14 V	G14D170PIP	40-7610-E012303
	Piper PA28	28 V	G28C170PIP	40-7610-E003404
	Piper PA28	28 V	G28D170PIP	40-7610-E013303
	Piper PA28 AIII	28 V	G28D170QA3	40-7610-E113303
	Apex DR400	14 V	G14C170APEX	60-7610-E002403
	Apex DR400	14 V	G14D170APEX	60-7610-E012303

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Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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TAE 125-02-114 (continuation)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.70 P/N 05-7610-E001005	Diamond DA40	14 V	G14C170DA40	50-7610-E002404
	Diamond DA40	14 V	G14D170DA40	50-7610-E012303
	Diamond DA40	14 V	G14D171DA40	50-7610-E012304
D4-v1.80 P/N 05-7610-E001006	Cessna 172	14 V	G14C180CES	20-7610-E002405
	Cessna 172	14 V	G14D180CES	20-7610-E012305
	Cessna 172	28 V	G28C180CES	20-7610-E003405
	Cessna 172	28 V	G28D180CES	20-7610-E013305
	Piper PA28	14 V	G14C180PIP	40-7610-E002405
	Piper PA28	14 V	G14D180PIP	40-7610-E012305
	Piper PA28	28 V	G28C180PIP	40-7610-E003405
	Piper PA28	28 V	G28D180PIP	40-7610-E013305
	Piper PA28 AIII	28 V	G28D180QA3	40-7610-E113305
	Diamond DA40	14 V	G14C180DA40	50-7610-E002405
	Diamond DA40	14 V	G14D180DA40	50-7610-E012306
	Diamond DA42	28 V	G28D180DA42	52-7610-E012606

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Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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TAE 125-02-114 (only applicable for version 02 engines)				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.70 P/N 05-7610-E001005	Cessna 172	14 V	G14R172CES	20-7610-E012304
	Cessna 172	28 V	G28R172CES	20-7610-E013304
	Piper PA28	14 V	G14R172PIP	40-7610-E012304
	Piper PA28	28 V	G28R172PIP	40-7610-E013304
	Piper PA28 AIII	28 V	G28R172QA3	40-7610-E113304
	Apex DR400	14 V	G14R172APEX	60-7610-E012305
	Diamond DA40	14 V	G14R172DA40	50-7610-E012305
D4-v1.80 P/N 05-7610-E001006	Cessna 172	14 V	G14R180CES	20-7610-E012401
	Cessna 172	28 V	G28R180CES	20-7610-E013401
	Piper PA28	14 V	G14R180PIP	40-7610-E012401
	Piper PA28	28 V	G28R180PIP	40-7610-E013401
	Piper PA28 AIII	28 V	G28R180QA3	40-7610-E113401
	Diamond DA40	14 V	G14R180DA40	50-7610-E012401
	Diamond DA42	28 V	G28R180DA42	52-7610-E012401

Table 24

TAE 125-02-114P				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
D4-v1.60 P/N 05-7610-E001004		28 V	K28D161ELB	05-7610-E003401
D4-v1.70 P/N 05-7610-E001005		28 V	K28D174ELB	05-7610-E003403
D4-v1.80 P/N 05-7610-E001006		28 V	K28D180ELB	05-7610-E003404

Table 25

CENTURION 4.0 BE-210				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	A28V280B	03-7610-E552101

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Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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CENTURION 4.0 BE-221				
Firmware	Aircraft Model	Electr. System	Software Mapping	Partnumber
C4.0V2.80		28 V	B28V280B	03-7610-E552201

Table 27

CENTURION 4.0 BE-228				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	C28V280B	03-7610-E552301

Table 28

CENTURION 4.0 BE-239				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	D28V280B	03-7610-E552401

Table 29

CENTURION 4.0 BE-250				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	E28V280B	03-7610-E552501

Table 30

CENTURION 4.0 BE-257				
Firmware	Aircraft Model	Electr. System	Software Mapping	Part Number
C4.0V2.80		28 V	F28V280B	03-7610-E552601

Table 31

Remarks:

- Installation of a new software in accordance with the appropriate Operation & Maintenance Manual (OM-02-01, OM-02-02 or OM-03-01).
- At the change of the Power Rating the type plate must be exchanged in accordance with the appropriate Repair Manual.
- The above mentioned Power Variants and Software Mappings of the Centurion 4.0 BE were approved as Major Change with the No. EASA.E.C.01378.



Continental Aerospace
Technologies GmbH
Platanenstrasse 14
09356 Sankt Egidien, Germany

Tel: +49 37204 696 0
Fax: +49 37204 696 2912
www.continentaldiesel.com
support@continentaldiesel.com

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Parts:

Part Number	Description	Qty
02-7230-02117R1	Type Plate TAE 125-01	1
02-7230-02118R1	Grooved Drive Stud (Type Plate TAE 125-01)	4
05-7221-K003302	Type Plate TAE 125-02-99	1
05-7221-K008502	Type Plate TAE 125-02-114	1
NM-0000-0034301	Grooved Drive Stud (Type Plate TAE 125-02)	4
03-7311-K003301	Type Plate Centurion 4.0 BE-210	1
03-7311-K003401	Type Plate Centurion 4.0 BE-221	1
03-7311-K003501	Type Plate Centurion 4.0 BE-228	1
03-7311-K003601	Type Plate Centurion 4.0 BE-239	1
03-7311-K003701	Type Plate Centurion 4.0 BE-250	1
03-7311-K003801	Type Plate Centurion 4.0 BE-257	1
NM-0000-0115001	Screw	2

Approval:

The technical information contained in this document have been approved under the authority of EASA Design Organisation Approval No. EASA.21J.010.